

All Vessels

Sound Signals

#105

33 USC 1602, Rule 33

Applies to: All vessels.

Requirements:

Vessel Length Overall	Sound Devices Required
Less than 39.4 ft (12 m)	a means of making an efficient sound signal
39.4 ft (12 m) to 65.6 ft (20m)	a whistle
>65.6 ft (20m)	a whistle and a bell
328.1 ft (100 m) or more	a whistle, a bell and a gong

Note: The bell or gong may be replaced by other equipment having the same respective sound characteristics, provided that the signal can be sounded manually if necessary.

Bell Size (minimum):

- 11.8 inches (300 mm) for vessels 65.6 ft (20 m) or more in length overall.

All Vessels

Backfire Flame Control

#138

46 CFR 25.35-1

Applies to: All vessels with installed gasoline engines.

Requirements:
Installed gasoline engines must be equipped with backfire flame control of:
A. Backfire Flame Arrestor: 1. CG Approval 162.015 or 162.042, or 2. Marine Type SAE J-1928 or UL 1111.
B. Engine air and fuel induction systems 1. CG Approval 162.015 or 162.041, 2. Meets 46 CFR 58.10.

Acceptability:

- Devices must be mark with the CG approval number **OR** marine type complying with SAE J-1928 or UL 1111.
- Devices must be installed on the engine, clean, and in good and serviceable condition.
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Ventilation

#139

46 CFR 25.40

Applies to: All vessels with closed compartments which use gasoline for electric generation, mechanical power, or propulsion.

Requirement:
• Vessels manufactured after 1940 must have at least adequate natural ventilation in each fuel and engine compartment having an ignition source.

Note: A fuel level sensing unit is **not** an ignition source.

Acceptability:

A. Natural ventilation:

1. Intake duct below level of carburetor.
2. Exhaust duct extended to lower portion of the bilge, below starter level.
3. Cows trimmed so as not to re-circulate fumes.

B. Power Ventilation, if equipped:

1. Motor must be operational.
2. Ducting must be intact.
3. System must discharge adequate volumes of air.

All Vessels

Injury Placard

#150

46 CFR 28.165

Requirements:

- Must be at least 5" X 7"
- Must be posted in a highly visible location, accessible to the crew.



Placards are available from the local MSO.

Oil Pollution Placard

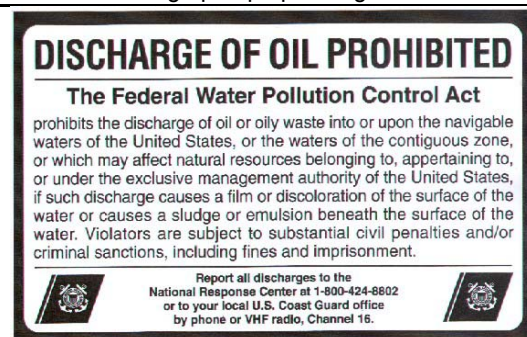
#155

33 CFR 155.450

Applies to: All U.S. vessels 26 ft or more in length having a machinery space.

Acceptability Requirements:

- Placard must be at least 5" X 8".
- In a language understood by the crew.
- Permanently affixed in the machinery space or near the bilge pump operating switch.



All Vessels

Waste Management Plan #151

33 CFR 151.57

Applies to: All oceangoing (beyond 3nm limit) commercial fishing industry vessels that are 40 ft or more in length.

Waste Management Plan:

Acceptability requirements:

The **WRITTEN** waste management plan must describe procedures for:

- **collection,**
- **processing,**
- **storage, and**
- **discharge** of garbage and waste,
- plus **designate the person** who is responsible for carrying out the plan.

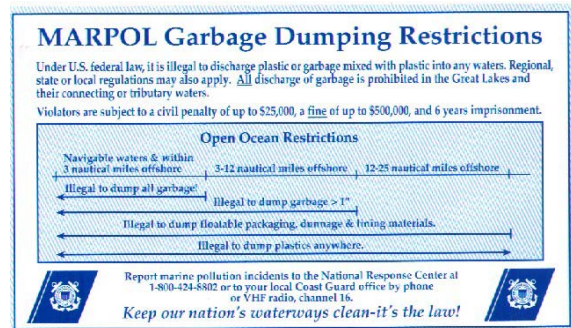
Garbage Placard #156

33 CFR 151.59

Applies to: All vessels 26 ft or more in length.

Acceptability Requirements for Placards:

- Sufficient number posted so as to be read by crew and passengers.
- Displayed in prominent locations.
- At least 4" X 9" in size.
- Letters must be at least 1/8 inch high.
- Must be made of durable material.



Placards are available from the local MSO.

All Vessels

Marine Sanitation Device

#152

33 CFR 159

Applies to all vessels that have **an installed toilet facility** and **operate within U.S. Territorial Seas (inside 3 nm)**.

Requirements:

- The marine sanitation device must be Coast Guard Certified.
- Vessels 65 ft and less must have a Type I, Type II, or Type III MSD.
- Vessels over 65 ft must have a Type II or Type III MSD.

Acceptability Requirements:

- Type I and Type II MSDs must have a **label** as per 33 CFR 159.16 (CG approval number and manufacturer's information) and be **certified**. Type III MSDs (holding tanks) do not need a label.
- **Type I** and **Type II** devices are certified under 33 CFR 159.12.
- **Type III devices are certified by design.** They must be a holding tank solely for sewage and flush water at ambient air temperature and pressure, and designed to prevent overboard discharge of sewage.
- The MSD **must be operational**.
- If the installed toilet has a "**Y**" **valve**, the valve must be **secured** while in U.S. Territorial waters so as to prohibit accidental discharge overboard.

Note: Portable toilets or "porta-potties" are not considered installed toilets and are not subject to the MSD regulations.

Secured means locked, tagged, wire-tied, zip-tied, or chained in the closed position.

All Vessels

Inland Navigation Rules

#153

33 CFR 88.05

Applies to all self-propelled vessels greater than 12 meters (39.4 ft) operating on the **inland** waters of the U.S.

Note: Inland waters are those waters inside the COLREGS Demarcation Lines.

Acceptability Requirement:

- Have on board for ready reference a current copy of the Inland Navigation Rules.

The public may purchase a copy of the Inland Navigation Rules book via:

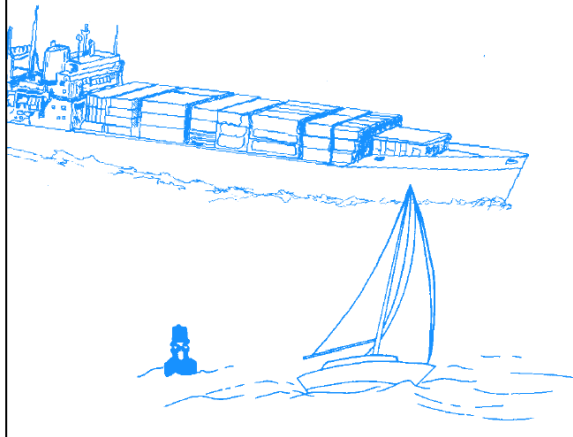
1. Ordering **by phone:** (888) 293-6498
2. Ordering **by Internet:**
Government Bookstore: <http://bookstore.gpo.gov/>

U.S. Department
of Transportation
**United States
Coast Guard**



NAVIGATION RULES

INTERNATIONAL—INLAND



All Vessels

Rules of the Road

#154

33 USC 1620, 33 CFR 81 (COLREGS)

Applies to: All vessels at anchor or underway between sunset and sunrise, or in or near areas of restricted visibility.

Acceptability Requirements:

Navigation Lights:

- Proper Range of Visibility
- Proper Arc of Visibility
- Proper Light Configuration
- Deck Lights must not hinder recognition of the vessel's navigational lights
- On vessels 65.6 ft (20m) or more in length, the sidelight screens must be matt black.

Fishing at Night:

- All around red over all around white lights properly displayed. (Trawling at night requires all around green over all around white.) Not required on trollers.

Day Shapes:

- When engaged in fishing, 2 black cones apex to apex must be properly displayed. Not required on trollers.

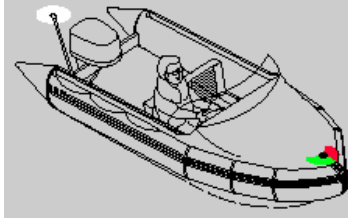
Notes: The previously accepted basket day shape is no longer authorized.

See **Rule 26** in the **COLREGS** for proper placement of navigation lights and day shapes.

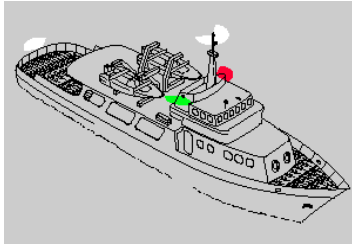
Rules of the Road

#154

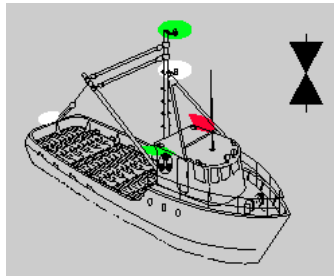
Light Placement Examples



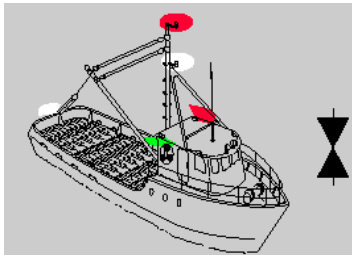
Power-driven vessel of less than 12m in length
All around white light, combination red/green light



Power-driven vessel—less than 50m in length
Masthead, stern & side lights



Vessel engaged in trawling—less than 50m in length
All around green over white, stern and side lights



Vessel engaged in fishing other than trawling
All around red over white, stern and side lights